

Serial No.: 09/866,928

REMARKS

Claims 1, 2, 8 and 30, as amended, remain herein. Claims 3-7, 9-22, 25-29 and 31-42 remain herein but are presently withdrawn from consideration.

Applicants appreciate the statements in the Office Action that claims 2 and 24 would be allowable if rewritten in independent form to include all of the limitations of the independent claim(s) from which they depend, and to overcome the rejection under 35 U.S.C. §112, second paragraph.

Claim 1 has been amended to recite all of the limitations of allowable claim 2 and claim 23 has been amended to recite all of the limitations of claim allowable 24, thereby making claims 1 and 23 allowable. Claims 2 and 24 have been cancelled without prejudice or disclaimer.

1. In response to a telephonic election of species requirement of May 7, 2004, a Confirmation of Telephone Election was filed in the USPTO on June 22, 2004. Applicants hereby confirm the election to prosecute the subject matter of Species I, claims 1, 2, 8-10, 23, 24 and 30-32.

Serial No.: 09/866,928

2. The title has been amended to read "Motion Vector Detection Apparatus For Performing Checker-pattern Subsampling With Respect to Pixel Arrays."

3. The original Abstract has been amended.

4. Objections were stated to claims 2 and 24. Each informality has been amended, thereby mooting those objections.

5. Claims 2, 23, 24 and 30 were rejected under 35 U.S.C. §112, second paragraph, claims 2 and 23 have been cancelled, and claims 2 and 24 have been amended as indicated above, thereby mooting the rejection.

6. Claims 1, 8, 23 and 30 were rejected under 35 U.S.C. §102(e) over Lim et al U.S. Patent 6,332,002.

Claim 1 has been amended to recite all of the limitations of allowable claim 2, and therefore claims 1 and 8 are allowable, and claim 23 has been amended to recite all of the limitations of allowable claim 24, and therefore claims 23 and

Serial No.: 09/866,928

30 are allowable. Accordingly, reconsideration and withdrawal of this rejection are respectfully requested.

All claims 1, 2, 8 and 30 are now proper in form and patentably distinguished over all grounds of rejection stated in the Office Action. Accordingly, allowance of all claims 1, 2, 8 and 30 is respectfully requested.

Should the Examiner deem that any further action by the applicants would be desirable to place this application in even better condition for issue, the Examiner is requested to telephone applicants' undersigned representatives.

Respectfully submitted,

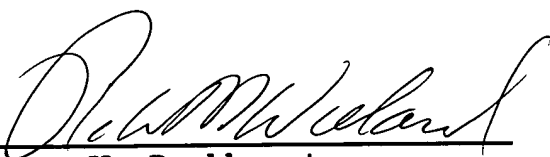
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